

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"6,611,598"	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:21
L2	437	705/75	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:20
L3	5324	705/1	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:24
L4	437	705/75	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:24
L5	1097	380/54	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:24
L6	2137	713/176	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:24
L7	633	705/64	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:24
L8	1585	713/168	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:24
L9	318	713/179	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:25
L10	187	705/62	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:25
L11	633	705/64	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:25
L12	449	705/67	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/20 12:25
L13	7473	hashizume	US-PGPUB ; USPAT; EPO; JPO	AND	ON	2005/12/20 12:32
L14	6370	hashizume.in.	US-PGPUB ; USPAT; EPO; JPO	AND	ON	2005/12/20 12:32
L15	1	"11085881"	US-PGPUB ; USPAT; EPO; JPO	AND	ON	2005/12/20 12:41
L16	3	(MICR and hash and check and verifier).clm.	US-PGPUB ; USPAT; EPO; JPO	AND	ON	2005/12/20 12:42
S15	631	((digital adj wallet) or (smart adj card)) and digital adj certificate and terminal and transaction	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/12 12:54

S22	114	("3858181"   "4086434"   "4345315"   "4603232"   "4624578"   "4669596"   "4700296"   "4725949"   "4727243"   "4902881"   "4904851"   "5036472"   "5220501"   "5247575"   "5329589"   "5333181"   "5337253"   "5339239"   "5355414"   "5371797"   "5377269"   "5393964"   "5396546"   "5442771"   "5445295"   "5446906"   "5450938"   "5500890"   "5504675"   "5513116"   "5513117"   "5546316"   "5550746"   "5557721"   "5559714"   "5561604"   "5572572"   "5602905"   "5604802"   "5608643"   "5613012"   "5614703"   "5637845"   "5642805"   "5664110"   "5664115"   "5699528"   "5710887"   "5714741"   "5724521"   "5726898"   "5727129"   "5732219"   "5737729"   "5754850"   "5764639"   "5768142"   "5778173"   "5794234"   "5798931"   "5799067"   "5806993"   "5812765"   "5819092"   "5822216"   "5822739"   "5844808"   "5848396"   "5857174"   "5875110"   "5878141"   "5930771"   "5933811"   "5933816"   "5940811"   "5948061"   "5960411"   "5963452"   "5970473"   "5978840"   "5987430"   "5987498"   "5991411"   "5997170"   "6021362"   "6029150"   "6029851"   "6038491"   "6055513"   "6070795"   "6073840"   "6115649"   "6118860"   "6161059"   "6167387"   "6181981"   "6189029"   "6189787"   "6195694"   "6205437"   "6216112"   "6223984"   "6230150"   "6233564"   "6233565"   "6236975"   "6260758"   "6264104"   "6266647"   "6282522"   "6292668"   "6330582"   "6330978"   "6345263") . PN.	US-PGPUB ; USPAT; USOCR	AND	ON	2005/12/12 13:07
S23	2	("6604086") .URPN.	USPAT	AND	ON	2005/12/12 13:07

S16	2	((digital adj wallet) or (smart adj card)) and digital adj certificate and terminal and transaction).clm.	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/12 12:54
S17	20	("3852571"   "4528643"   "4594663"   "4823264"   "4960981"   "5053956"   "5283731"   "5319705"   "5336870"   "5383113"   "5404393"   "5426281"   "5475585"   "5479510"   "5590197"   "5592375"   "5606361"   "5619558"   "5661517"   "5677955"). PN.	US-PGPUB ; USPAT; USOCR	AND	ON	2005/12/12 13:01
S18	43	("5878141").URPN.	USPAT	AND	ON	2005/12/12 13:02
S19	6511	terminal pay usage	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/12 13:05
S20	5821	computer terminal pay usage	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/12 13:05
S21	66	computer same terminal same pay same usage	US-PGPUB ; USPAT; EPO	AND	ON	2005/12/12 13:05

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10766	COD	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:45
S2	194	"705"/\$ and COD	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:54
S3	48498	(Delivery or transfer) same code	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:46
S4	5310	((Delivery or transfer) same code ) and (payment or COD)	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:46
S5	8875	((Delivery or transfer) same (code or message) ) and (payment or COD)	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:47
S6	4340	"705"/\$ and ((Delivery or transfer) same (code or message) ) and (payment or COD)	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:52
S7	1680	"705"/\$ and ((Delivery or transfer) same (code or message) ) and (payment)	USPAT; EPO	OR	ON	2005/01/05 13:51
S8	895	"705"/\$ and ((Delivery or transfer) same (code or message) ) and (payment or COD) and postal	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:52
S9	167	"705"/\$ and COD and code	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:56
S10	2274	"705"/\$ and (delivery same code)	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:57
S11	1344	"705"/\$ and (delivery same code) and payment	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:58
S12	495	"705"/\$ and (delivery same code) and payment and (customer or buyer ) and (seller or merchant)	US-PGPUB ; USPAT; EPO	OR	ON	2005/01/05 13:58
S13	3251	"simmons et al"	US-PGPUB ; USPAT; EPO	OR	ON	2005/02/01 10:39
S14	0	2001/0039659	US-PGPUB	OR	ON	2005/02/01 10:41
S15	0	"0039659"	US-PGPUB	OR	ON	2005/02/01 10:41
S16	17	"705" and "simmons et al"	US-PGPUB	OR	ON	2005/02/01 10:42
S17	1	("6,389,541").PN.	US-PGPUB ; USPAT; EPO	OR	OFF	2005/02/01 10:44

## © List of Databases Searched

### Full-Text Databases - Group 1, Descriptions

ABI/INFORM® (File 15)  
Computer Database™ (File 275)  
New Product Announcements/Plus® (NPA/Plus) (File 621)  
Newsletter Database™ (File 636)  
PROMT® (File 16)  
PROMT® Backfile (File 160)  
Trade & Industry Database™ (File 148)

### Full-Text Databases - Group 2, Descriptions

American Banker (File 625)  
Bond Buyer (File 626)  
Business & Industry® (File 9)  
Business Week (File 623)  
Business Wire (File 610, 810)  
Dialog Finance & Banking Newsletters (File 267)  
Knight-Ridder/Tribune Business News (File 608)  
MathSci® (File 239)  
The McGraw-Hill Companies Publications Online (File 624)  
PR Newswire (File 613, 813)  
San Jose Mercury News (File 634)  
World Reporter (File 20)  
Financial Times Fulltext (File 476)

### Abstract Databases, Descriptions

Dissertation Abstracts Online (File 35)  
Financial Times Abstracts (File 473)  
Globalbase™ (File 583)  
Inside Conferences (File 65)  
INSPEC (File 2)  
JICST-EPlus - Japanese Science & Technology (File 94)  
National Technical information Service (File 6)  
New York Times Abstracts (File 474)  
SciSearch®: A Cited Reference Science Database (File 34,434)  
Softbase: Reviews, Companies and Products (File 256)  
Wall Street Journal Abstracts (File 475)  
Wilson Applied Science & Technology Abstracts (File 99)

## ① Search Full-Text Databases-Group 1

The standard Search strategy for this unit is below. Highlight and drag it into the box below. You Use caution to apply correct boolean w/matched parenthesis. These arguments are applied to


and ((UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYPHER? OR UNCRYPT? OR DECRYPT? OR DECYPHER? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W)PAIR? ? (CODE? ? OR CODING)) or (CYPHER? OR UNENCRYPT? OR DESCRAMBL? OR UNSCRA OR DECRYPT? OR DECIPHER? OR (SECRET OR PUBLIC OR PRIVATE)(1W)KEY? ? OR S (TRANSACTION? OR PROCESS???) OR CRYPT? OR SCRAMBL? OR ENCRYPT?))

and ((UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYPHER? OR UNCRYPT? DECRYPT? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W)PAIR? ? OR SECRET(1w) (CODE? ? OR CO (CYPHER? OR UNENCRYPT? OR DESCRAMBL? OR UNSCRAMBL? OR CIPHER? OR DECRYPT? OR DECIPH OR PUBLIC OR PRIVATE) (1W)KEY? ? OR SECURE(2W) (TRANSACTION? OR PROCESS???) OR CRYPT? OR ENCRYPT?))

 Make sure your cursor is placed fully to the left in each search box.

Search Term(s)	MICR and hash	    	web and server
		and 	

Author  e.g. ward j? or ward, j?

Years Before and Including  All Years 

POWERED BY **Dialog****LOGOFF**Search  
results: 0 titles**Search Report****Database Name      Database Number**

ABI/INFORM	15
COMPUTER DATABASE	275
NEW PRODUCT ANNMNT	621
NEWSLETTER DB	636
TRADE&INDUSTRY	148
PROMT (90- PRESENT)	16
PROMT (1972-1989)	160

**Set****Description**

S1	((MICR AND hash) AND (web AND server))
S2	PY=((1970:2002))
S3	S1 and S2
S4	S3 and ((UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYIPHER? OR UNCRYPT? OR DECRYPT? OR DECYPHER? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W)PAIR? ? OR SECRET(1w)(CODE? ? OR CODING)) or (CYPHER? OR UNENCRYPT? OR DESCRAMBL? OR UNSCRAMBL? OR CIPHER? OR DECRYPT? OR DECIPHER? OR (SECRET OR PUBLIC OR PRIVATE)(1W)KEY? ? OR SECURE(2W)(TRANSACTION? OR PROCESS???) OR CRYPT? OR SCRAMBL? OR ENCRYPT?))
S5	RD
S6	SORT /ALL/pd,a

**Help Tips for 'Zero Records' - How To Get More Records**

- Don't over-specify: use only the search options you really need -- leave the others blank.
- Exclude "implied concepts": leave out words like 'research' or 'effects.'
- Use more wildcards to search different word endings: use COMPUTER? in place of COMPUTER.
- Check the format of your entry. Follow the Search Tips examples shown on the search page.
- Check for misspelled words.
- Check that you are using parentheses correctly when you combine words with AND, OR, NOT.

For more tips on searching, see the [Help page](#).



## ② Search Full-Text Databases-Group 2

The standard Search strategy for this unit is below. Highlight and drag it into the box below. You Use caution to apply correct boolean w/matched parenthesis. These arguments are applied to

and ((UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYPHER? OR UNCRYPT? OR DECRYPT? OR DECYPHER? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W)PAIR? ? (CODE? ? OR CODING)) or (CYPHER? OR UNENCRYPT? OR DESCRAMBL? OR UNSCRA OR DECRYPT? OR DECIPHER? OR (SECRET OR PUBLIC OR PRIVATE)(1W)KEY? ? OR S (TRANSACTION? OR PROCESS???) OR CRYPT? OR SCRAMBL? OR ENCRYPT?))

and ((UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYPHER? OR UNCRYPT? DECRYPT? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W)PAIR? ? OR SECRET(1w) (CODE? ? OR CO (CYPHER? OR UNENCRYPT? OR DESCRAMBL? OR UNSCRAMBL? OR CIPHER? OR DECRYPT? OR DECIPH OR PUBLIC OR PRIVATE) (1W)KEY? ? OR SECURE(2W) (TRANSACTION? OR PROCESS???) OR CRYPT? OR ENCRYPT?))

⚠ Make sure your cursor is placed fully to the left in each search box.

Search Term(s)	<div>MICR and HASH</div>	and	<div>WEB and SERVER</div>
Author	<div></div>	e.g. ward j? or ward, j?	
Years Before and Including	<div>2002</div>		
		Search	Clear

POWERED BY **Dialog****LOG OFF****Search results:** 0 titles**Search Report****Database Name Database Number**

AMERICAN BANKER	625
BOND BUYER	626
BUSINESS & INDUS	9
BUSINESS WIRE	610
BUSINESS WIRE	810
DIALOG FIN & BANK	267
KR/T BUS NEWS	608
MATHSCI	239
MCGRAW-HILL PUBS	624
PR NEWSWIRE	613
PR NEWSWIRE	813
SAN JOSE MERCURY	634
GLOBAL REPORTER	20
FT INFORMATION LTD	476

**Set****Description**

S1	((MICR AND HASH) AND (WEB AND SERVER))
S2	PY=((1970:2002))
S3	S1 and S2
S4	S3 and ((UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYIPHER? OR UNCRYPT? OR DECRYPT? OR DECYPHER? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W) PAIR? ? OR SECRET(1w)(CODE? ? OR CODING)) or (CYPHER? OR UNENCRYPT? OR DESCRAMBL? OR UNSCRAMBL? OR CIPHER? OR DECRYPT? OR DECIPHER? OR (SECRET OR PUBLIC OR PRIVATE)(1W)KEY? ? OR SECURE(2W)

(TRANSACTION? OR PROCESS???) OR CRYPT? OR  
SCRAMBL? OR ENCRYPT?))

S5

RD

---

### Help Tips for 'Zero Records' - How To Get More Records

- Don't over-specify: use only the search options you really need -- leave the others blank.
- Exclude "implied concepts": leave out words like 'research' or 'effects.'
- Use more wildcards to search different word endings: use COMPUTER? in place of COMPUTER.
- Check the format of your entry. Follow the Search Tips examples shown on the search page.
- Check for misspelled words.
- Check that you are using parentheses correctly when you combine words with AND, OR, NOT.

For more tips on searching, see the [Help page](#).

### ③ Search Abstract Databases

The standard Search strategy for this unit is below. Highlight and drag it into the box below. You Use caution to apply correct boolean w/matched parenthesis. These arguments are applied to


and ((UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYPHI  
OR DECRYPT? OR DECYPHER? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W)PAIR? ?  
(CODE? ? OR CODING)) or (CYPHER? OR UNENCRYPT? OR DESCRAMBL? OR UNSCRA  
OR DECRYPT? OR DECIPHER? OR (SECRET OR PUBLIC OR PRIVATE)(1W)KEY? ? OR S  
(TRANSACTION? OR PROCESS???) OR CRYPT? OR SCRAMBL? OR ENCRYPT?))

and ( (UNCYPHER? OR UNENCYIPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYIPHER? OR UNCRYPT?  
DECYPHER? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W)PAIR? ? OR SECRET() (CODE? ? OR CODI  
OR UNENCRYPT? OR DESCRAMBL? OR UNSCRAMBL? OR CIPHER? OR DECRYPT? OR DECIPHER? OR (S  
OR PRIVATE) (1W)KEY? ? OR SECURE(2W) (TRANSACTION? OR PROCESS???) OR CRYPT? OR SCRAMBL? )

 Make sure your cursor is placed fully to the left in each search box.

Search Term(s)

HASH and MICR


and 

WEB and server

Author

e.g. ward j? or ward, j?

Years Before and Including

All Years 

**NOTE: Your search strategy and databases searched will be displayed in a separate win  
the window and include it in your search report.**

Search

Clear

POWERED BY **Dialog**LOG OFFSearch  
results: 0 titles

---

**Search Report****Database Name      Database Number**

SCISEARCH 1990+	34
DISSERTATION ABS	35
GLOBALBASE	583
INSIDE CONFERENCES	65
INSPEC, 1898+	2
APPLIED SCI & TECH	99
NTIS	6
JICST-EPLUS	94
FT ABSTRACTS	473
SCISEARCH 74-89	434
NYT ABSTRACTS	474
TECINFOSOURCE	256
WSJ ABSTRACTS	475

**Set                      Description**

S1	((HASH AND MICR) AND (WEB AND server)) S1 and ((UNCYPHER? OR UNENCYPHER? OR UNENCIPHER? OR UNCIPHER? OR ENCYIPHER? OR UNCRYPT? OR DECRYPT? OR DECYPHER? OR UNENCOD? OR ENCIPHER? OR KEY? ?(1W) PAIR? ? OR SECRET()(CODE? ? OR CODING)) or
S2	(CYPHER? OR UNENCRYPT? OR DESCramBL? OR UNSCRAMBL? OR CIPHER? OR DECRYPT? OR DECIPHER? OR (SECRET OR PUBLIC OR PRIVATE)(1W)KEY? ? OR SECURE(2W) (TRANSACTION? OR PROCESS???) OR CRYPT? OR SCRAMBL? OR ENCRYPT?))
S3	RD

---

**Help Tips for 'Zero Records' - How To Get More Records**

- Don't over-specify: use only the search options you really need -- leave the others blank.
- Exclude "implied concepts": leave out words like 'research' or 'effects.'
- Use more wildcards to search different word endings: use COMPUTER? in place of COMPUTER.
- Check the format of your entry. Follow the Search Tips examples shown on the search page.

- Check for misspelled words.
- Check that you are using parentheses correctly when you combine words with AND, OR, NOT.

For more tips on searching, see the [Help page](#).